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ABSTRACT

This report presents an overview and a preliminary analysis of the legislative decisions made during 1988 for the 1989 fiscal year on state tax appropriations for higher education in the 50 states. The data are aggregated from GRAPEVINE, a monthly research report of state tax appropriations for operating expenses of higher education. Following an introduction and retrospective of 1989, an overview of higher education appropriations discusses nationwide gains, 2-year gains among the states and "megastates," i.e., states with large, expensive higher education systems that appropriate more than one billion dollars a year for those systems. Other sections discuss the data by region and analyze trends in state higher education support. At the end of the discussion portion of the report a section called "What the Figures Are Intended to Mean" provides a framework for the collection and presentation of data. The bulk of the publication consists of tables of data for each state. In the main, each table presents appropriations to individual higher education institutions including funds for scholarships and sums destined for higher education but appropriated to some other state agency for miscellaneous types of support to institutions or to students. For each table there is not only a column for 1989 but also a column of data for the previous fiscal year which incorporates all revisions provided by the state. (JB)

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State Tax Funds for Operating Expenses of Higher Education

Edward R. Hines

National Association of State Universities and Land-Grant Colleges

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APPROPRIATIONS OF STATE TAX FUNDS FOR OPERATING EXPENSES OF HIGHER EDUCATION

1988-89

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STATE TAX SUPPORT OF HIGHER EDUCATION: A RETROSPECTIVE OF FY1989

Introduction and Purpose

This volume contains state tax appropriations for operating expenses of higher education in the 50 states for Fiscal Year 1989. Decisions on these state tax appropriations for FY1989 were made by the state legislatures during the 1988 legislative year. These data are initially published by the Center for Higher Education at Illinois State University in the monthly research report, Grapevine. Next, they appear in abbreviated form in an October issue of The Chronicle of Higher Education. Finally, appropriations for the current fiscal year and for the preceding fiscal year are published in complete form in this report published by the National Association of State Universities and Land-Grant Colleges. These data are furnished by a network of state higher education finance officers and higher education officials in the 50 states.

In the words of the founding editor, M. M. Chambers, Grapevine is a "longitudinal study of state tax support of higher education in the United States." These state tax appropriations data are the earliest figures available and are published in Grapevine as soon as possible after state legislative decisions are made. In addition to the timely quality of these data, they are as accurate as possible. In order to improve the accuracy of the appropriations data, a column of data for the previous fiscal year (FY1988) appears along with the column of FY1989 data in this report. This is the third consecutive year that previous fiscal year data have been included along with current fiscal year data in order to incorporate data revisions which are made by governors or state legislatures for the purpose of either enhancing or reducing the initial legislative decisions. For instance, last year in this report, the national total of state tax appropriations was $34.0 billion. By including revisions made since that time, this report indicates that a revised national total for FY1988 is slightly more than $34.2 billion. A few years ago, virtually all revisions were downward adjustments, reflecting rescissions and reversions made by the states in response to revenue receipts which were lower than estimated. Perhaps we are witnessing a new period when adjustments can begin to provide enhancements to higher education.

Grapevine data essentially provide an early notification to a national audience about legislative decisions made for the current fiscal year. This appropriations measure is an indicator of state tax effort for operating expenses of higher education. However, it is not the only measure of support of higher education. As indicated in "What the Figures Are Intended to Mean," the Grapevine tabulations do not include sums for capital expenses or for student tuition and fees. Other measures--especially those including local tax appropriations--may be of special importance in those states which have large community college systems. In some states, legislatures may appropriate significant amounts to higher education from non-tax sources. Depending on individual state circumstances, these other measures need to be included in order to formulate a more complete picture of state support for higher education.

Researchers and policy analysts are advised that there are other sources and analyses of interstate higher education finance data. Just as more measures than state tax appropriations may need to be utilized in order to present a complete view of higher education support, more than a single analysis of data should be utilized. Three sources in particular are recommended. These are the "National Comparison of Financial Support for Higher Education" prepared by Jacquelyn Johnson of the Higher Education Coordinating Board in the State of Washington; State Profiles: Financing Public Higher Education 1978 to 1988 by Kent Halstead which may be purchased from Research Associates, 2605 Klingle Road, NW, Washington, D.C. 20008; and the complete governmental compilation entitled State Higher Education Profiles published by the Center for Education Statistics, U.S. Department of Education.

A Retrospective of State Support for Higher Education for FY1989

For FY1989, there were three distinguishing features in state tax support for higher education. First, more than $36.2 billion for higher education were appropriated by state legislatures, and this was an increase of virtually $2 billion from the previous year (FY1988). Second, there was a 12.4% increase in two-year percentage gain over FY1987, thus slightly ahead of the 11.3% increase reported in FY1988 over FY1986. The third distinguishing feature of the FY1989 figures was the lack of clear regional distinctions which were reported for the last two years, except for some continued fiscal difficulties west of the Mississippi. The specifics of the gain this year are analyzed below.

Nationwide Gains. The nationwide total number of dollars, gains in dollars, and gains in percentages are shown in Table 1 for the period from FY1979 through FY1989. Comparing the '79 and '89 points in time, the magnitude of state support for higher education more than doubled ($17 to $36 billion). There was a one-year gain of nearly $2 billion from FY1988 to FY1989. This $2 billion increase was greater than that reported in five of the previous ten years, and less than the one-year gains reported in 1980, 1982, 1985 (the high point with $2.5 billion gain over one year), and 1986. The low point in magnitude of gain occurred in 1983 ($1.3 billion) and there was a $1.5 billion in gain reported in 1987. Admittedly, these gains are small in magnitude, but, nonetheless, they are gains. In one-year percentage gains over the decade, the low point was reported in 1987 (4.8%), the high point of 12.1% in 1980, and nearly a six percent gain was reported this year (5.8%). In two-year percentage gains, the low point occurred in 1988 (11.3%), the high point in 1980 (24.3%), and this year there was a two-year percentage gain of over 12%. One can observe a substantial decline in the rate of percentage gains during the decade from two-year percentage gains in the 20s to the low teens presently. This decline in percentage gains must be viewed in the context of a decreasing rate of inflation during this period from the mid-teens in the late 1970s to under five percent per year in the mid-1980s.

Table 1

Fiscal Years	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989
Billions of Dollars	17.1	19.2	20.9	23.1	24.4	25.9	28.4	30.7	32.2	34.2	36.2
1-Yr Gain ($billions)	1.6	2.1	1.7	2.2	1.3	1.5	2.5	2.3	1.5	2.0	2.0
1-Yr Gain (Percent)	10.9	12.1	9.6	10.1	5.6	5.9	9.7	8.3	4.8	6.1	5.8
2-yr Gain (Percent)	22.6	24.3	22.9	20.7	16.3	11.8	16.2	18.8	13.6	11.3	12.4

Note: Some of the above figures differ from those reported earlier because of data revisions submitted by some states.

Two-year Gains Among the States. Table 2 shows two-year percentage gains for all states, grouped according to the number of states reporting an increase, decrease, or the same two-year gain from FY1986 to FY1988, compared to the gain reported from FY1987 to FY1989. This year there were 26 states reporting increasing two-year percentage gains, compared to only 17 states last year. On the other hand, there were 20 states reporting decreasing two-year percentage gains this year, compared to 28 states last year.

Among the 26 states reporting increases in two-year percentage gains from 1987 to 1989, several made large gains. Mississippi gained 26 percentage points from 4% to 30%, Texas went from 1% to 14%, Oklahoma from -9% to 8%, Kansas from 5% to 17%, and Alabama from -4% to 23%. These included some states which had been showing very low or negative gains. Other states increased already strongly positive support for higher education, such as Hawaii (22% to 24%) Iowa (15% to 18%), Maryland (16% to 22%), and New Jersey (20% to 26%). The 20 states experiencing decreasing two-year percentage gains included those with large decreases, such as Massachusetts (26% to 6%), Maine (40% to 29%), and Tennessee (17% to 9%). The remaining 16 states experienced small decreases of 8 percentage points or less.

Table 2

26 States with Increasing 2-Year Gains, FY88 to FY89			20 States with Decreasing 2-Year Gains, FY88 to FY89		
State	FY88 (%)	FY89 (%)	State	FY88 (%)	FY89 (%)
Alabama	-4	23	California	14	11
Alaska	-30	-21	Connecticut	26	22
Arizona	14	21	Florida	21	15
Arkansas	-7	6	Idaho	17	15
Colorado	10	12	Indiana	16	14
Hawaii	22	24	Kentucky	15	13
Iowa	15	18	Maine	40	29
Kansas	5	17	Massachusetts	26	6
Louisiana	-8	-3	Michigan	13	9
Maryland	16	22	Minnesota	16	10
Mississippi	4	30	Nevada	19	18
Missouri	12	16	New Hampshire	33	29
Montana	-1	4	New Mexido	12	7
Nebraska	8	18	New York	15	12
New Jersey	20	26	North Carolina	19	13
Oklahoma	-9	8	Ohio	14	9
Pennsylvania	12	15	Oregon	12	7
Rhode Island	16	18	Tennessee	17	9
South Carolina	5	14	Virginia	19	15
South Dakota	5	7	Wyoming	3	2
Texas	1	14			
Utah	5	6	Four States with Identical 2-Year Gains, FY88 to FY89		
Vermont	13	17			
Washington	13	14			
West Virginia	2	4	Delaware	11	11
Wisconsin	8	11	Georgia	14	14
			Illinois	1	1
			North Dakota	-2	-2

The Megastates. Using a term coined by Neal Pierce, the "Megastates" of America are those states having large populations and concentrations of economic productivity, manufacturing output, and wealth. They include those states appropriating more than one billion dollars annually for higher education. There have been ten states in that category for several years, and Virginia joined the group this year. These are the states with large, extensive higher education systems. Together, these states appropriated $20.6 billion for higher education in FY1989, representing 57% of the total amount appropriated for higher education in the nation. Generally, these states appropriated funds to higher education at a slower rate of increase than in previous years. This rate of percentage gain was nearly one percentage point less than the national average of a 6% increase from FY1988 to FY1989. Of the 11 states in this category, 80% of the increase was represented by California, Florida, New Jersey, New York and Virginia. Increases of less than $100 million each were made by Illinois, Michigan, North Carolina, Ohio, Pennsylvania and Texas.

A Regional View of Fiscal Year 1989

By arranging the 50 states in quadrants and quartiles, as shown in Table 3, we can examine regional patterns and variations more closely. Using quartiles permits a focus on four groups according to rates of two-year percentage gains. Because of the places at which percentage differences enabled groupings to be made, 13 states were placed in the top quartile and 14 in the bottom quartile. Quadrants were formed by dividing the nation into four

fairly-even geographic sections. The northeast corner of Missouri was the center; the Mississippi River divided East from West, and the Ohio River and southern border of Pennsylvania divided Northeast from Southeast. The Northeast has 14 states; Southwest, 13; Southeast, 12; and the Northwest has 11 states.

The top quartile of 13 states ranges from Mississippi with the highest percentage gain in the nation at over 30%, to eight states with percentage gains in the 20s, and four states with gains at 18%. The two middle quartiles have 12 and 11 states, respectively, with the second quartile ranging from over a 17% two-year gain in Kansas down to a group of six states at 14%. The third quartile ranges from North Carolina at over a 13% gain down to three states at 9% two-year gains. The lowest quartile of 14 states begins with Oklahoma and Oregon at 8%, and declines to three states in the negative percentage gain: North Dakota, Louisiana, and Alaska.

Table 3

Quadrants	NW*	NE	SE	SW**	Total
Highest	2	5	3	3	13
Second	2	3	4	3	12
Third	1	4	4	2	11
Lowest	6	2	1	5	14
Total	11	14	12	13	50

*Includes Alaska
**Includes Hawaii

Among the four quadrants, there was a more even distribution this year than in either FY1988 or FY1987 when the New England states, the Midsouth and selected Western states experienced the highest two-year gains. This year, in the Southeast there were seven states in the top half compared to five states in the bottom half. The Northeast had eight states in the top half and six in the bottom half, while in the Southwest there were six states in the top half and seven in the bottom. The Northwest had seven states in the bottom half and only four states in the top half.

There was a more diverse regional pattern of states in the top quartile this year, and a larger grouping of Western states in the bottom quartile. Yet, eight of the 13 states in the top quartile were in the East. Four of the six New England States (New Hampshire, Maine, Connecticut, and Rhode Island) appeared in the top quartile. New Jersey was the other Northeastern state in the top quartile. Three of the 12 Southeastern states were in the top quartile (Mississippi, Maryland, Alabama). Only five of the 24 states west of the Mississippi River were in the top quartile (Hawaii, Arizona, Nevada, Nebraska, Iowa). States in the bottom quartile exhibited a situation with an over-representation of Western states. In location, these states form a broad arc beginning in the Southcentral area (Louisiana, Arkansas, Oklahoma, New Mexico), then extending Northwest to Utah and Wyoming, the Northern Plains states of North Dakota, South Dakota, and Montana, and ending with Oregon and Alaska. Among Northeastern states, only Massachusetts and Illinois appeared in the bottom quartile, and West Virginia was the only Southeastern state in the bottom quartile.

Trends in State Support for Higher Education

Grapevine provides the earliest picture of interstate higher education finance data nationally. These data displayed on a state-by-state basis enable identification of trends in state support. Although the data pertain only to state tax support and need to be viewed along with other data sources which are available later in the year, they provide an indication of patterns and levels of state support. In that sense, Grapevine is an initial building block in a complete examination of state higher education support.

Regional Variations. The national pattern was different this year from that exhibited during the previous two years. FY1987 and FY1988 were characterized by clear economic resurgence in New England, a strong performance of coastal states, and severe economic difficulties in the Southcentral and Northern Plains regions. This year, there was a more diverse representation of states in the top quartile with a leaning toward Eastern states being in the upper groupings, combined with a larger number of Western states in the lower quartiles. The Northern Plains states and selected Western states are continuing to experience difficulties in providing support to higher education, and this condition undoubtedly relates to revenue and taxation problems in those areas.

Overall, however, this analysis demonstrated that more states experienced increases in two-year percentage gains as reported in FY1989 compared to FY1988. In fact, the pattern nearly reversed with 26 states reporting two-year gains in FY1989 with only 20 states having experienced decreases in this most recent two-year period. An examination of the 11 "megastates" utilizing these increasing or decreasing groups revealed that only three of the 11 megastates (New Jersey, Pennsylvania and Texas) experienced increasing percentage gains in '89 versus '88. Fully, seven of these 11 states reported decreasing two-year gains (California, Florida, Michigan, New York, North Carolina, Ohio, and Virginia) and one state (Illinois) reported identical two-year percentage gains for the two years. The "gainer" states included a number of states with smaller higher education systems and thus appropriations amounts of relatively smaller magnitude.

State Revenue Availability. This report has recognized the importance of state revenue availability in the capacity of a state to support higher education. If states are not or cannot produce revenue through taxation systems, higher education as well as other public services will not fare as well as when revenue becomes more plentiful. States do not engage in deficit financing. In order to illustrate this point, Table 4 displays data obtained from a national survey completed by the National Conference of State Legislatures (NCSL). The percentage gains in states' general funds and in total state appropriations are illustrated for the period FY1988 to FY1989. Two year percentages gains in appropriations for higher education in the top nine states and in the bottom ten states were identified and displayed along with one-year percentage gains for general funds and total appropriations from a report from the NCSL. (Nine states were used, rather than 10 states, in the top category, because four states clustered around the 19% cutoff point.) Table 4 demonstrates clearly that states having large increases in their general funds are able to show greater percentage gains in total appropriations, including percentage gains in higher education appropriations.

Table 4 also contains some interesting "aberrations" in the observations noted above. For instance, Hawaii had a very small increase in the general fund (0.4%) yet was able to give a 24% two-year gain to higher education. Similar effort for higher education was exerted by Mississippi, New Hampshire, Maine and Maryland. Perhaps this indicated that when states have more plentiful revenue, choice becomes an important factor in whether or not to allocate revenue to selected areas, including higher education. Further, at least some of the states in the higher education top quartile are those where higher education has been viewed as an important means of improving the economic development of the state (New Jersey, Connecticut, Maryland). On the opposite end of the spectrum, the same aberrations are not found. General fund increases were very low or even negative in all of the "bottom quartile" states, although both Arkansas and Illinois made considerable effort in increasing total state appropriations, but these increases were not extended to higher education.

TABLE 4

TOP NINE TWO-YEAR GAINERS				BOTTOM TEN TWO-YEAR GAINERS			
States	General Fund Increase[1]	State Approp Increase[1]	Higher Education Increase[2]	States	General Fund Increase[1]	State Approp Increase[1]	Higher Education Increase[2]
	1-year %	1-year %	2-year %		1-year %	1-year %	2-year %
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Mississippi	7.7	11.3	30.5	Massachusetts	*	*	6.4
New Hampshire	3.7	3.9	29.5	Utah	4.7	4.5	6.2
Maine	7.1	14.6	29.2	Arkansas	3.8	15.5	5.9
New Jersey	8.7	10.3	26.4	West Virginia	2.8	2.6	4.5
Hawaii	0.4	5.6	24.2	Montana	-1.9	1.6	4.0
Alabama	*	*	22.7	Illinois	3.0	12.6	0.5
Maryland	5.9	10.5	22.0	Wyoming	-2.0	-18.2	0.5
Connecticut	12.2	11.7	21.5	North Dakota	0.0	0.0	-2.0
Arizona	11.3	12.3	20.8	Louisiana	3.3	-4.4	-3.3
				Alaska	-16.6	-0.7	-21.0
Mean in FY89	7.3	9.1	25.2	Mean in FY89	- 0.3	1.5	0.2
Mean in FY88	7.2	7.7	23.0	Mean in FY88	5.1	0.8	-5.3
Mean in FY87	5.6		26.1	Mean in FY87	- 2.1		-0.4

*Not reported

Sources: [1]Gold, Steven D., Corina L. Eckl and Martha A. Fabricius. State Budget Action in 1988.
[2]Grapevine

The mean percentages were included on Table 4 from FY1988 and FY1987. The pattern appears fairly consistent. Available revenue in the states increases the opportunity for increasing higher education appropriations, but it does not guarantee increases. Such increases are within the prerogative of state lawmakers. This same table reported a year ago (FY1988) showed that there were eight states showing negative higher education gains (decreases among bottom quartile states). This year only North Dakota, Louisiana, and Alaska experienced percentage decreases in higher education appropriations.

Additional Considerations. There are a number of reasons why there were modest increases in state support to higher education in FY1989. Three such reasons are suggested here. First, education was identified as the leading fiscal issue in the states in the 1988 legislative sessions, when decisions were being made for FY1989. The NCSL survey indicated that elementary-secondary education was the leading fiscal issue in 28 states, and that higher education was the leading fiscal issue in Idaho, Maryland, Mississippi, Missouri, Nebraska, South Dakota, and Washington. Six of these seven states (excepting for South Dakota) were in the top or second highest quartiles in higher education support. The NCSL report indicated that elementary-secondary education fared better than higher education in FY1989, and that higher education did not fare as well as in FY1988. Although the numerical differences are small in magnitude, Grapevine data are in disagreement with the NCSL report with modest gains having been demonstrated by Grapevine data for FY1989. An explanation of K-12 schools' receiving relatively more support than higher education would include the legislative decisions being made in a number of states in support of the implementation of education reform in the schools.

There are other reasons for the pattern of state support for higher education which has been described in this analysis. Two factors identified here are state support of student financial aid and state support of community colleges. The purpose of Grapevine is not to isolate appropriations for specific areas such as financial aid and community colleges. However, these amounts are set out in Grapevine when state financial officers report them as separate entries. It was found that student financial aid was reported separately in 33 of the 50 states. Community colleges were reported as separate items in 40 of the states. The mean percentage gain for appropriations to student financial aid programs this year was slightly over 20%, a full eight percentage points greater than the national weighted average percentage gain of 12%. The mean

percentage gain for state appropriations to community colleges this year was 15%, three percentage points greater than the statewide average of 12%. These two appropriation areas illustrate that states are making particular effort to increase support to student aid during a period when tuition rates are increasing faster than state tax appropriation increases. Additionally, states are making particular effort to support community colleges, quite possibly because community colleges have been leading institutions in developing programs to improve economic development, retrain workers, and create cooperative relationships with business. These categorical programs devised to achieve specific purposes of benefit to both higher education and the state are receiving proportionately greater percentage increases than are operating budgets generally.

Thus, a multiyear trend of state higher education support continues to demonstrate slower rates of percentage gain for higher education operating budgets, and economic resurgence in New England, the Mid-Atlantic states, and other coastal states. At the same time, increases in state support are being targeted increasingly to programs which offer the potential of achieving specific purposes in which both higher education and the state have an interest.

Acknowledgments

The contributions of many individuals go into the preparation and publication of these data and to them gratitude is extended. Foremost is the recognition of the work of M. M. Chambers, founding editor of Grapevine, whose eternal optimism is reflected in the quote below:

> For a century phenomenal progress has been made in the accessibility, scope, and quality of higher education in the United States, all for the good of the states, the nation, and the whole society, and for that progress bids fair to continue. There have been ups and downs, often depending on the fortunes of conflicting ideologies; but for the long future, it is legitimate to assume that the general trend is upward.

The contributions made by members of the Advisory Committee, whose names are listed below, are recognized and appreciated deeply. Their technical and policy advice has enabled Grapevine to be strengthened in a number of ways. The fifth annual meeting of this Advisory Committee took place at the Inservice Education Program of the State Higher Education Finance Officers in August 1988.

Thanks go to the Office of Communications Services at the National Association of State Universities and Land-Grant Colleges for their interest and assistance in publishing this annual volume for the past 28 consecutive years.

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WHAT THE FIGURES ARE INTENDED TO MEAN

The data for this report are supplied by key persons in each state who report them to the monthly research report, GRAPEVINE. The ground rules used to achieve an approach to uniformity of reporting are enumerated below. Diversities of practices among the 50 states make it impossible to eliminate all inconsistencies and to accomplish absolute comparability among states and among institutions. We emphasize that comparisons are of limited usefulness but have value if correctly interpreted.

1. Report only appropriations; not actual expenditures.

2. Report only sums appropriated for annual operating expenses.

3. For the state tax appropriations in complex universities, set out separately the sums appropriated for (or allocated to) the main campuses, branch campuses, and medical centers (even if on the main campus). The medical center item should include operation of colleges of medicine, dentistry, pharmacy, nursing, and teaching hospitals, either lumped as one sum or set out separately as preferred.

4. Include:

   - sums appropriated for state aid to local public community colleges and for operation of state-supported community colleges, and for vocational-technical two-year colleges or institutes which are predominantly for high school graduates and adult students.

   - sums appropriated to statewide coordinating boards or governing boards, either for board expenses or for allocation by the board to other institutions or both.

   - sums appropriated for state scholarships or other student financial aids.

   - sums destined for higher education, but appropriated to some other state agency. Examples: funds intended for faculty fringe benefits may be appropriated to the State Treasurer and disbursed by that office; certain funds for medical and health education may be appropriated to the state department of health and disbursed from that department. Sometimes these sums have to be estimated because the exact amount disbursed cannot be known until after the end of the fiscal period.

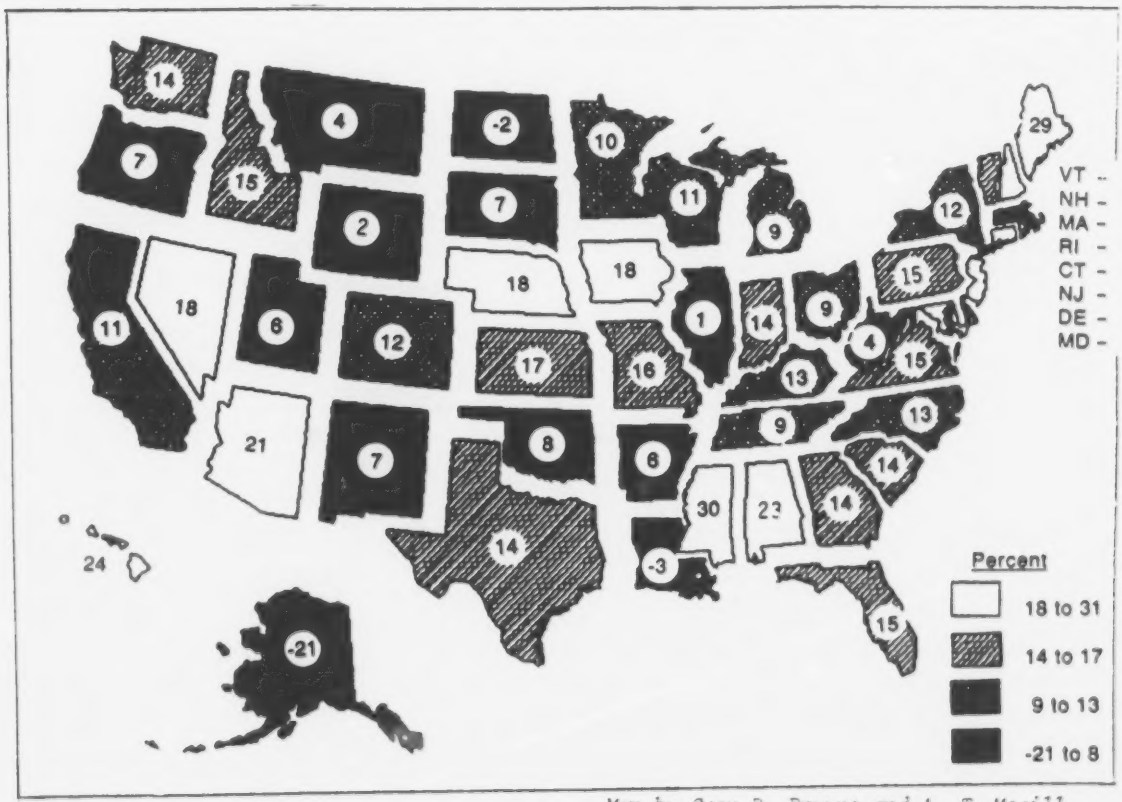
   - appropriations directed to private institutions of higher education at all levels.

5. Exclude:

   - appropriations for capital outlays and debt service.

   - appropriations of sums derived from federal sources, student fees, auxiliary enterprises, and other non-tax sources.

PERCENTAGES OF TWO-YEAR GAINS IN APPROPRIATIONS OF STATE TAX FUNDS FOR ANNUAL OPERATING EXPENSES OF HIGHER EDUCATION IN THE FIFTY STATES, FISCAL 1989 OVER 1987



Map by Owen B. Pruyne and A. T. Mogill

STATE TAX FUND APPROPRIATIONS FOR OPERATING EXPENSES OF HIGHER EDUCATION FOR FISCAL YEARS 1978-79,1986-87, AND 1988-89, WITH PERCENTAGES OF GAIN OVER THE MOST RECENT TWO AND TEN YEARS.

(In thousands of dollars)

States	Year 1978-79	Year 1986-87	Year 1988-89	2-yr gain Percent	10-yr gain Percent
(1)	(2)	(3)	(4)	(5)	(6)
Alabama	328,494	632,054	775,343	23	136
Alaska	84,593	208,356	164,733	- 21	95
Arizona	218,166	450,681	544,560	21	150
Arkansas	140,319	270,530	286,399	6	104
California	2,344,345	4,507,731	5,011,510	11	114
Colorado	237,310	423,132	475,181	12	100
Connecticut	206,901	384,589	467,385	22	126
Delaware	48,831	96,797	107,516	11	120
Florida	535,809	1,278,584	1,474,345	15	175
Georgia	346,731	714,004	812,299	14	134
Hawaii	113,767	220,845	274,233	24	141
Idaho	83,322	126,030	144,987	15	74
Illinois	845,579	1,391,996	1,399,444	1	66
Indiana	369,308	661,635	755,614	14	105
Iowa	255,188	404,701	478,991	18	88
Kansas	222,216	325,725	382,326	17	72
Kentucky	272,909	458,968	518,361	13	90
Louisiana	278,954	499,569	483,034	- 3	73
Maine	49,047	125,701	162,432	29	231
Maryland	292,755	569,975	695,261	22	137
Massachusetts	273,333	816,374	868,426	6	218
Michigan	733,978	1,225,522	1,338,033	9	82
Minnesota	433,761	782,471	861,462	10	99
Mississippi	216,744	326,353	425,751	30	96
Missouri	284,836	476,420	550,609	16	93
Montana	55,050	101,187	105,277	4	91
Nebraska	140,538	215,234	253,431	18	80
Nevada	50,112	102,419	121,249	18	142
New Hampshire	27,542	55,961	72,454	29	163
New Jersey	442,277	893,549	1,129,452	26	155
New Mexico	119,474	250,719	268,800	7	125
New York	1,421,407	2,770,779	3,110,021	12	119
North Carolina	521,863	1,172,120	1,329,606	13	155
North Dakota	61,822	120,472	118,072	- 2	91
Ohio	604,651	1,208,155	1,320,460	9	118
Oklahoma	196,595	383,690	415,191	8	111
Oregon	204,000	335,998	361,189	7	77
Pennsylvania	697,886	1,105,210	1,268,759	15	82
Rhode Island	68,886	117,479	138,802	18	101
South Carolina	265,076	504,124	576,598	14	118
South Dakota	47,466	72,214	77,369	7	63
Tennessee	312,799	615,764	673,881	9	115
Texas	1,042,243	1,967,184	2,245,958	14	115
Utah	132,524	244,386	259,615	6	96
Vermont	25,509	46,083	53,855	17	111
Virginia	425,797	902,068	1,033,096	15	143
Washington	380,250	628,981	719,437	14	89
West Virginia	148,249	241,865	252,618	4	70
Wisconsin	433,482	666,525	738,670	11	70
Wyoming	47,043	111,583	114,188	2	143
Totals	17,089,823	32,212,492	36,216,283		
Weighted average percentages of gain				12	112

ALABAMA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Alabama.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Alabama		
Tuscaloosa	65,720	74,873
Birmingham	44,671	112,968
School of medicine	34,660	
School of dentistry	8,716	
School of optometry	3,511	
University hospitals	7,077	
Subtotal, U of A.B.	98,635	112,968
Huntsville	20,940	24,174
Subtotal, U of A.	185,295	212,015
Auburn U, Main Campus	59,174	115,060
Veterinary medicine	6,876	
Veterinary clinic	270	
Coop extension service	13,627	
Coop ext, retirement	1,871	
Ag experiment station	13,064	
Subtotal, AU-mc.	94,882	115,060
Montgomery campus	10,969	12,270
Subtotal, AU.	105,851	127,330
U of South Alabama	22,806	42,264
College of Medicine	12,460	
U hospital, clinics, programs	1,206	
Subtotal, USA.	36,472	42,264
Jacksonville State U	16,019	18,111
Troy State University	15,184	17,826
Alabama A&M University	15,250	17,330
Alabama State University	15,177	17,255
University of North Alabama	12,235	13,629
University of Montevallo	8,878	9,901
Livingston University	5,385	5,959
Athens State College	2,761	3,308
Subtotal, Sr insts	418,507	484,928
Junior Colleges	58,869	67,312
Voc-Tech schools	53,465	65,084
Postsec Ed Dept	502	
Private Institutions	2,602	2,973
Financial aid		19,321
Medical scholarships	677	
Dental scholarships	176	
Optometric scholarships	125	
Chiropractic scholarships	48	
AL National Guard scholarships	200	
Sylacauga nursing	82	
Marine environment consortium	906	
Comm on Higher Ed	11,318	
So Regional Ed Bd	346	
Other higher education	8,951	8,857
Retirement, soc security (est)	117,289	126,868
Total	674,063	775,343

ALASKA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Alaska.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Alaska		
Fairbanks	46,267	47,904
Rural College	3,152	3,206
Chukchi College	902	920
Kuskokwim College	2,527	2,739
Northwest College	1,036	1,089
Rural Education	2,036	1,922
Organized research	10,319	10,414
Fisheries-Ocean Science	4,005	4,397
Coop extension	3,333	3,370
Subtotal, U of A. F	73,576	75,961
Anchorage	33,967	35,563
Kenai Peninsula College	2,025	2,172
Kodiak College	1,331	1,420
Matanuska-Susitna College	1,583	1,680
Prince William Sound Comm	1,189	1,376
Ctr Internat'l Business	596	600
Organized research	1,362	1,646
Subtotal, U of A. A	42,052	44,457
Southeast	7,515	7,929
Islands College	856	1,062
Ketchikan College	978	1,006
Subtotal, U of A. S	9,349	9,997
Statewide programs & services		
Vocational-Technical educ	8,690	8,892
Networks	5,860	6,047
Other services	6,026	5,292
Subtotal, st-wide	20,575	20,231
Compensation & benefits		1,500
Restructuring contingency	600	
Subtotal, U of A	146,152	152,146
WICHE	1,120	1,234
Student financial aid	15,700	7,000
Postsecondary Education Comm	2,569	4,353
Total	165,542	164,733

Note: The tabulation reflects the reorganization of the system of higher education.

ARIZONA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Arizona.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Arizona	173,730	187,328
College of medicine	40,103	50,221
Subtotal, U of A.	213,833	237,549
Arizona State U, Tempe	153,363	167,847
West campus	7,464	11,042
Subtotal, ASU.	160,827	178,889
Northern Arizona University	55,203	61,182
Board of Regents and WICHE	4,786	4,773
Comm for Postsecondary Ed	469	
Subtotal, State U's.	435,118	482,393
State aid to comm colls	56,793	62,167
Total	491,911	544,560

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ARKANSAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Arkansas.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of Arkansas System		
Fayetteville campus	55,262	56,006
Medical sciences	41,850	41,929
Ag experiment stations	13,723	13,642
Coop extension service	13,505	13,609
Archeological survey	787	781
Little Rock campus	27,829	27,972
Pine Bluff campus	10,846	11,052
Monticello campus	6,402	6,429
System administration	1,564	1,505
Subtotal, U of A	171,768	172,925
Arkansas State U	25,639	25,623
Beebe branch	2,703	2,800
Subtotal, ASU	28,342	28,423
Southern Arkansas U	7,670	7,908
El Dorado branch	1,213	1,210
Technical branch	3,160	3,242
Subtotal, SAU	12,043	12,360
U of Central Arkansas	20,954	20,517
Arkansas Tech U	11,017	11,400
Henderson State U	9,047	9,120
Community Colleges	21,403	21,896
So Regional Education Boards	80	80
Dental & vet aid	1,334	1,460
Other dental, vet, optometry Chiroprac, podiatry aid	724	507
State scholarship aid (SSIG)	3,346	3,515
Dependents & survivors scholar	46	44
Other state scholarships	973	892
Other appropriations*	4,365	3,260
Total	284,333	286,399

*Other appropriations include economic development, prison education, community leader development and the off-campus matching program.

CALIFORNIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in California.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of California		
Los Angeles	425,308	439,174
Berkeley	337,551	350,435
Davis	303,093	319,802
San Diego	190,907	199,297
Irvine	144,546	153,484
San Francisco	147,288	151,834
Santa Barbara	133,719	139,135
Riverside	103,830	112,571
Santa Cruz	73,530	79,886
System administration	37,571	39,750
Subtotal, U of C.	1,897,343	1,985,368
California State University		
San Diego	126,320	131,249
Long Beach	107,175	109,678
San Jose	97,025	103,258
Northridge	95,414	98,395
San Luis Obispo	91,511	93,261
Fresno	87,455	92,691
Sacramento	90,076	92,560
San Francisco	89,447	92,418
Pomona	81,022	83,625
Los Angeles	81,443	81,683
Fullerton	78,608	81,484
Chico	74,167	77,638
Hayward	55,783	56,520
Humboldt	42,992	44,719
San Bernardino	34,947	37,878
Dominguez Hills	32,925	35,557
Sonoma	31,521	32,762
Bakersfield	24,684	26,579
Stanislaus	24,669	26,292
International programs	1,911	
Systemwide offices	34,684	
Systemwide provisions	66,953	
Other		86,992
Subtotal, CSU.	1,450,732	1,485,239
Hastings College of Law	11,861	12,051
California Maritime Academy	6,283	6,386
Community Colleges	1,312,366	1,388,896
Student Aid Commission	125,066	130,127
Postsecondary Education Comm	3,355	3,443
Total	4,807,006	5,011,510

COLORADO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Colorado.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Colorado*	78,115	84,060
Health Sciences Center	81,358	89,932
Subtotal, U of C.	159,473	173,992
State Board of Agriculture**	67,486	72,706
Ag experiment station	6,505	7,225
Ag extension service	5,957	6,672
Veterinary medicine & hosp	5,161	5,404
Forest service	2,405	2,694
Subtotal, St Bd of Ag	87,514	94,701
U of Northern Colorado	25,129	27,139
Colorado School of Mines	10,311	11,140
Consortium of State Colleges+	42,290	45,825
State Community Colleges	48,507	52,052
State aid to district jr colls	11,713	12,621
Occupational education	24,450	25,993
Subtotal, SBCCOE	84,670	90,666
Auraria Higher Ed Center++		
Council on Arts and Humanities	1,041	1,108
State Historical Society	1,382	1,594
Colorado Advanced Tech Inst	3,715	2,243
Commission on Higher Education		1,433
Student aid	23,239	24,364
Vet and Ntl Guard tuition	283	374
Other	1,974	602
Subtotal, CCHE.	25,496	26,773
Total	441,021	475,181

*Appropriated to the Board of Regents for allocation to the campuses at Boulder, Denver, and Colorado Springs.

**The State Board of Agriculture governs the U of Southern Colorado, Ft. Lewis College, and Colorado State U.

+Includes: Mesa College, Metropolitan State College, Western State College, and Adams State College.

++Funded by transfers from the Regents of the U of Colorado, Consortium of State Colleges, and the State Community Colleges.

(Continued in the next column)

CONNECTICUT

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Connecticut.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Connecticut	123,814	138,535
Health center	56,373	61,795
Subtotal, U of C.	180,187	200,330
State Universities		
Central	27,973	32,060
Southern	27,604	31,913
Western	11,338	16,480
Eastern	13,841	13,474
Central office	2,313	2,626
Subtotal, S U's.	83,069	96,553
CNVR Higher Education Center	2,878	3,192
Regional community colleges	53,699	62,197
State technical colleges	17,832	18,354
Dept of Higher Education	2,911	4,208
Payment to others	18,401	21,869
Brd for State Academic Awards	672	701
New Eng Brd of Higher Ed	212	227
Museum of Nat Hist	179	207
Fringe benefits (est)	54,134	59,547
Total	414,174	467,385

DELAWARE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Delaware.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Delaware*	55,682	58,514
Financial aid	4,012	3,962
State geologist	734	755
Sea grant	345	355
Subtotal, U of D.	60,773	63,586
Delaware State College**	14,977	16,241
Inst of Med Ed & Research	1,708	1,709
Inst of Veterinary Med Ed	179	147
Inst of Dental Ed & Research	94	94
Technical & Comm Colleges	22,285	24,149
Postsecondary Ed Commission	1,323	1,589
Total	101,339	107,515

*In FY88, includes $500,000 in "one time funds."
**In FY88, includes $50,000 in "one time funds."

FLORIDA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Florida.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
State University System		*
University of Florida	154,502	170,944
Health center	75,965	82,341
Inst of Food & Ag Science	81,388	87,694
Engine & Exper Station	2,290	
Subtotal, U of F	314,145	340,979
University of South Florida	97,676	117,304
Medical center	41,828	45,112
Mental health institute	10,584	
Subtotal, U of SF	150,088	162,416
Florida State University	120,422	129,850
Florida International U	63,328	67,489
U of Central Florida	53,844	60,138
Florida Atlantic U	46,520	49,252
Florida A&M University	38,193	41,016
U of West Florida	27,359	29,893
U of North Florida	21,893	24,047
System reserve	34,818	3,321
Board of Regents	7,860	6,837
SREB	520	547
Challenge grants		8,100
Comm hospital ed prog**	6,156	6,427
U of Miami med school**	11,549	13,176
SE Coll Osteopathic Med**	1,483	1,788
SECOM rural unmet needs**	105	105
Educ Prog, Teaching Hosp		10,000
Subtotal, BoR	27,673	46,980
Subtotal, St U Sys	898,283	955,381
Student Assistance Grant	13,398	14,222
Critical teacher shortage	2,745	3,612
Academic scholar fund	5,535	10,963
Public service work study	257	257
Graduate scholars fund	410	860
Coll career work experience	841	841
Most promising teacher	1,440	2,580
Master assoc teacher	250	250
Latin Amer-Caribbean Basin	280	
Jose Marti scholarship	100	300
Challenger Astronauts Scholarship	14	14
Subtotal, St Asst	25,270	33,899
Postsecondary Ed Plan Comm	610	598
Private Institutions		
U of Miami, Nursing	781	839
U Miami, indus,elec, biomed eng	923	956
Barry Univ, social work	234	244
Florida Inst Tech Science	115	110
Florida Inst Tech Engineering	512	512
Mt. Sinai Radiologic Tech	95	90
Bethune-Cookman Col Med Tech	40	40
Univ of Miami Biomed Science	276	458
Univ of Miami marine & atmosph	324	306
Univ of Miami minority affairs	100	200
Edward Waters Upgrade	250	250
Bethune-Cookman Challenger	250	250
Bethune-Cookman College of Ed	250	250
Nova University	980	
Tuition asst student, pvt	15,975	16,673
Other Assistance	1,380	2,381
Subtotal, Private Inst.	22,485	23,559
State aid to community coll	419,018	458,410
State Board of Comm Coll	2,508	2,498
Subtotal, C C's	421,526	460,908
Total	1,368,174	1,474,345

*Excludes 1988-89 salary increase.
**Programs in private institutions, assigned to the Board of Regents

GEORGIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Georgia.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Georgia	157,799	170,365
Ag experiment station	31,153	32,397
Coop extension service	29,946	31,328
Vet med experiment station	2,735	2,834
Skidaway Inst of Oceanograph	1,428	1,471
Marine extension service	1,135	1,146
Marine Institute	816	897
Vet med teaching hospital	435	466
Minority business enterprise	321	334
Athens/Tifton veterinary lab	34	57
Subtotal, U of G.	225,802	241,295
Medical College of Georgia	59,357	62,628
Talmadge memorial hospital	30,609	31,398
Family pract residency prog	5,506	5,546
Desegregation program	357	369
Subtotal, MC of G.	95,829	99,941
Georgia State University	80,766	84,727
Georgia Institute of Tech	64,914	70,770
Georgia Tech Research Inst	9,618	9,856
Engineering Extension Div	594	585
Advanced Tech Dev Center	1,189	1,235
Agricultural research	954	987
Center for Rehab Tech	654	887
Subtotal, GIT.	77,923	84,320
Senior Colleges -		
Georgia Southern College	22,349	26,640
Valdosta State College	16,069	18,103
West Georgia College	17,004	17,987
Kennesaw College	14,349	16,635
Columbus College	12,942	13,566
Southern Inst of Technology	11,673	12,253
Georgia College	10,489	12,125
Fort Valley State College	10,700	11,311
Savannah State College	10,197	10,409
Albany State College	10,112	10,389
Augusta College	9,573	10,206
Armstrong State College	8,446	8,783
Georgia Southwestern College	8,068	8,324
Clayton State College	6,403	7,371
North Georgia College	6,752	7,297
Subtotal, S C's.	175,126	191,399
Junior Colleges -		
DeKalb College	11,808	11,689
Abraham Baldwin Ag College	6,459	6,740
Macon College	4,913	5,543
Middle Georgia College	5,170	5,492
Darton College	4,544	4,738
South Georgia College	4,002	4,285
Gainesville College	3,826	4,280
Floyd College	3,593	3,744
Atlanta Metropolitan College	3,608	3,667
Brunswick College	3,388	3,633
Dalton College	3,558	3,615
Gordon College	3,121	3,383
Bainbridge College	2,199	2,285
Waycross College	1,685	1,754
East Georgia College	1,580	1,605
Subtotal, J C's.	63,454	66,453
Regents of University System	4,856	5,032
SREB payments	11,966	12,215
Repairs/rehabilitation funds	19,958	20,305
Medical scholarships	698	729
Regents opportunity grants	600	600
Regents scholarships	200	200
Research consortium	500	
Eminent scholars program	250	
Subtotal, R of US	39,028	39,081
Unallocated reserve	1,476	5,083
Total	759,404	812,299

HAWAII

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Hawaii.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Hawaii		
U of Hawaii, Manoa	124,490	155,690
School of medicine	9,951	
School of nursing	1,736	
Ag experiment station	7,838	
Coop extension service	3,567	
Subtotal, U of H, M.	147,582	155,690
U of Hawaii, Hilo	15,408	15,815
West Oahu College	985	995
Community Colleges	45,985	47,112
Systemwide support	15,486	21,795
Subtotal, U of H	225,446	241,407
WICHE	926	926
Fringe benefits (est)	51,000	54,600
Less tuition/other revenue	- 22,700	- 22,700
Total	254,672	274,233

IDAHO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Idaho.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Idaho	40,766	42,873
Ag research & coop ext	11,486	11,964
WAMI medical education	1,850	1,841
WOI veterinary medicine	928	942
Forestry research	120	119
Geological survey	333	417
Subtotal, U of I.	55,483	58,156
Boise State University	28,566	30,206
Idaho State University*	25,434	26,905
Lewis-Clark State College	4,462	4,821
Unallocated	2,720	1,500
Junior College support	6,155	6,407
Vocational education	14,741	15,375
State Board of Education	579	641
Scholarships and grants	362	362
Medical education	634	614
Total	139,136	144,987
*Includes for dental education:	273	305

ILLINOIS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Illinois.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Illinois		
Urbana/Champaign	221,722	230,379
Chicago	209,667	216,000
Central administration	35,866	41,742
Subtotal, U of I.	467,255	488,121
Southern Illinois University		
Carbondale	109,734	111,990
Edwardsville	46,815	48,460
System office	1,764	1,864
Subtotal, SIU.	158,313	162,314
Board of Regents		
Northern Illinois University	75,044	77,845
Illinois State University	54,724	58,069
Sangamon State University	14,481	15,528
Board office	1,335	1,122
Subtotal, BoR.	145,584	152,564
Board of Governors		
Western Illinois University	39,734	40,017
Eastern Illinois University	29,661	32,602
Northeastern Illinois Univ	25,733	28,859
Chicago State University	21,369	22,934
Governors State University	15,207	16,403
Board Office	1,601	1,657
Subtotal, BoG.	133,305	142,472
State aid, Community Colleges	191,783	206,150
Board office	1,225	1,266
Subtotal, CCs.	193,008	207,416
IL State Scholarship Commission		
Scholarships and grants	139,571	151,406
Administration	2,354	2,423
Subtotal, ISSC.	141,925	153,829
Board of Higher Education	1,830	1,915
Grant programs*	36,046	35,480
Vets/MIA depend scholarships	448	409
Special retirement contrib**	1,849	1,047
Health, life insurance (est)	44,617	45,841
Worker & unemployment ins	3,581	4,014
Civil service merit	819	825
Tech trans & innovation grants	2,534	2,534
Small business dev centers	663	663
Total	1,331,777	1,399,444
*Includes (in thousands)		
Grants to private insts	13,104	13,305
Health education grants	18,090	17,473
Institutional grants	4,852	4,702

**Restores a portion of the funds reduced during fiscal year 1983.

INDIANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Indiana.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
Indiana University		
Bloomington	122,280	131,011
IUPUI-Indianapolis	45,868	49,356
Health Division	51,377	53,621
Medical education		
Statewide system	11,098	11,542
Planning	2,312	2,365
Medical Education Board	1,000	1,000
Intern-residency program	1,334	1,334
Regional campuses		
Northwest	9,446	10,100
South Bend	8,712	9,508
Southeast	6,357	6,939
Kokomo	4,021	4,399
East	1,873	1,984
Higher ed telecommunications	4,910	5,010
Developmental Training Center	1,608	1,786
Chemical test training	397	656
Blood treatment prog	84	88
Optometry education	29	2
Subtotal, IU	272,706	290,701
Purdue University		
West Lafayette	146,817	156,342
IUPU-Fort Wayne	16,756	18,011
Regional campuses		
Calumet	14,045	14,765
North Central	4,134	4,660
Coop extension service	2,951	3,219
Animal disease diag lab	2,022	2,105
Ag experiment station	1,427	1,484
Technology program	2,867	3,857
County computer terminals	100	100
Crop production research ctr	50	50
Valparaiso nursing	84	78
Subtotal, PU	191,253	204,671
Ball State U	77,475	83,064
Indiana State U	53,783	57,229
U of Southern Indiana	8,911	9,538
Vincennes U*	16,577	17,640
Indiana Voc Tech Coll	43,048	46,527
Commission for Higher Education	1,007	1,046
Coll placement assessment ctr	400	400
Student Assistance Commission	35,166	38,789
Program start-up fund	2,000	2,000
Endowment for Excellence	1,250	1,250
U-based business assist	1,127	1,159
Library Automation		1,600
Total	704,703	755,614

*A two-year college largely supported by the state, but partly by the county where it is located.

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IOWA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Iowa.

Institutions	Sums Appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Iowa	137,519	148,790
Psychiatric hospital	5,961	6,272
Hospital school	4,489	4,777
Oakdale campus	2,478	2,582
Family practice med training	1,508	1,596
Subtotal, U of I.	151,955	164,017
Iowa State University	112,385	121,453
Ag and home ec exper station	13,466	14,368
Cooperative extension service	13,215	14,275
Fire service education	389	389
Livestock research	300	300
Water resources research	100	
Subtotal, ISU.	139,855	150,785
University of Northern Iowa	44,379	48,208
Board of Regents	512	565
Subtotal, Regents programs	336,701	363,575
Area Colleges*	75,343	80,939
College Aid Commission		
Pvt college tuition grants**	24,295	28,895
State scholarships	400	750
Voc-tech tuition grants	646	644
University of Osteopathy**	725	715
Science & math teacher loans	50	
Science & math student grant	799	450
GSL repayment	85	85
Commission central office	266	288
College work study	2,148	2,650
Subtotal, CAC.	29,414	34,477
Total	441,458	478,991

*For FY85 and later, reported appropriations include 3/4 appropriated in the budget year and 1/4 appropriated in the following FY, but designated for expenditures during the budget year.
**Support for private institutions only.

KANSAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Kansas.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Kansas	82,716	89,726
Medical center	56,714	48,577
Subtotal, U of K.	139,430	138,303
Kansas State University	82,613	90,975
Veterinary medical center	6,028	6,530
Subtotal, KSU.	88,641	97,505
Wichita State University	39,049	42,095
Pittsburg State University	16,977	18,784
Emporia State University	16,575	17,957
Fort Hays State University	16,271	18,321
Kansas Technical Institute	3,268	3,533
Board of Regents*	6,369	7,160
Subtotal, Regents System.	326,580	343,658
Aid to Washburn University	4,453	4,706
Aid to community colleges	30,145	33,962
Total	361,178	382,326
*Includes student assistance:	4,940	5,943

KENTUCKY

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Kentucky.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Kentucky	174,198	183,306
UK Community Colleges	37,314	38,701
Subtotal, U of K.	211,512	222,007
University of Louisville	102,137	104,443
Eastern Kentucky U	41,155	41,288
Western Kentucky U	40,421	40,547
Murray State U	30,761	30,813
Morehead State U	24,774	24,870
Northern Kentucky U	21,095	21,505
Kentucky State U	13,663	13,847
Ky Higher Ed Assist Authority	8,817	12,801
Council on Higher Ed*	4,933	6,213
Educational TV/Consortia	258	
Total	499,526	518,361

*Includes engineering enhancement funds which will be allocated to the University of Kentucky and the University of Louisville, $500,000 each.

LOUISIANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Louisiana.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
LA State University System		
Baton Rouge	79,553	80,406
Medical center	102,999	101,618
Ctr for Ag Sci & Rural Dev	42,470	41,789
Veterinary medicine	11,975	11,860
Law center	3,930	3,797
New Orleans campus	26,154	25,814
Shreveport campus	7,293	6,978
Alexandria campus	3,672	3,496
Eunice campus	2,734	2,572
System Board	1,480	
Subtotal, LSU.	282,260	278,330
Board of Trustees System		
U of Southwestern LA	31,572	32,993
Louisiana Tech U	23,071	22,880
Northeast LA U	22,275	22,317
Southeastern LA U	16,031	15,836
McNeese State U	15,794	15,215
Northwestern State U	14,835	14,148
Nicholls State U	14,404	14,399
Grambling State U	16,105	16,160
Delgado Comm College	11,123	10,156
System Board	659	
Subtotal, Bd of T.	165,869	164,104
Southern University System		
Baton Rouge	29,024	27,066
New Orleans	8,286	7,859
Shreveport	4,613	2,700
System Board	1,597	
Subtotal, SUS	43,520	37,625
LA U Marine Consortium	1,541	1,413
Board of Regents	1,213	771
SREB	278	156
Other programs	474	635
Subtotal, BoR	1,965	1,562
Total	495,155	483,034

MAINE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Maine.

Institutions	Sums Appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Maine*	111,495	129,250
Public broadcasting network	1,796	1,845
Subtotal, U of M	113,255	131,095
Vocational education**	19,398	21,420
Maine Maritime Academy	4,591	5,258
Grant/loan/scholarships***	1,402	1,402
Incentive scholarships+	1,311	1,317
Other scholarships	1,455	1,940
Total	141,412	162,432

*Includes seven campuses and a central office.
**Includes the Maine Vocational Technical Institute and other vocational programs.
***Includes funds to secure positions in health related fields for Maine students at various schools in the Northeast.
+For students attending either public or private institutions.

MARYLAND

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Maryland.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Maryland		
College Park	165,535	191,108
Baltimore City	92,261	103,318
Baltimore County	33,770	38,958
Eastern Shore	10,796	12,700
Ag experiment station	10,358	11,183
Coop extension service	12,818	13,808
Ctr, environ & estuarine	6,151	6,934
General university	13,706	15,457
Subtotal, U of M.	345,395	394,979
State Universities and Colleges		
Towson State University	35,479	39,576
Morgan State University	24,173	26,006
Frostburg State College	15,570	17,277
Salisbury State College	13,187	16,014
University of Baltimore	12,736	14,383
Bowie State College	11,468	12,859
Coppin State College	10,328	11,168
St. Mary's Coll of Maryland	6,814	7,875
Trustees of State Univ & Col	5,423	5,690
Subtotal, U & C's.	135,178	150,848
State scholarship board	11,126	17,083
Board for Higher Education	5,887	6,387
Aid to private higher educ	17,922	20,043
Aid to community colleges	98,472	105,114
State Board for Community Coll	677	807
Total	614,657	695,261

MASSACHUSETTS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Massachusetts.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Massachusetts		
Amherst	166,702	172,868
Boston	61,489	64,033
Worcester	29,707	31,773
President's office	698	748
Subtotal, U of M.	258,596	269,422
University of Lowell	52,407	56,770
Southeastern Mass U	31,217	33,989
State Colleges		
Salem	20,474	22,988
Bridgewater	19,675	21,906
Fitchburg	16,395	18,399
Worcester	13,351	14,746
Westfield	12,977	14,729
Framingham	13,172	14,647
North Adams	9,156	10,130
Mass College of Art	8,747	9,727
Mass Maritime	8,493	8,988
Subtotal, S C's.	122,440	136,260
Community Colleges		
Springfield Technical	13,657	15,341
North Shore	12,789	14,187
Massasoit	12,753	13,990
Middlesex	8,354	12,466
Northern Essex	10,945	12,192
Bunker Hill	10,034	11,111
Holyoke	9,938	10,963
Roxbury	8,130	9,282
Bristol	8,234	9,064
Quinsigamond	7,708	8,496
Berkshire	6,818	7,597
Massachusetts Bay	6,746	7,484
Cape Cod	6,516	7,164
Mt Wachusett	6,433	6,992
Greenfield	5,604	6,139
Subtotal, C C's.	134,659	152,469
Fringe benefits	132,086	108,466
Collective bargaining	51,307	4,715
Board of Regents	4,159	4,074
Scholarships	84,090	84,090
Other	24,039	18,169
Total	895,000	868,426
Board of Regents	4,159	4,074
Scholarships	84,090	84,090
Other	24,039	18,169
Total	894,998	868,426

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MICHIGAN

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Michigan.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of Mich, Ann Arbor	236,026	242,530
Dearborn campus	15,226	15,672
Flint campus	13,555	14,254
Subtotal, U of M	264,807	272,456
Michigan State University	197,176	204,060
Ag experiment station	19,720	20,114
Coop extension service	17,648	18,001
Subtotal, MSU,	234,544	242,175
Wayne State University	160,555	165,799
Western Michigan University	72,645	74,788
Eastern Michigan University	54,876	56,633
Central Michigan University	47,853	50,367
Ferris State College	35,117	36,178
Michigan Tech University	34,736	35,796
Northern Michigan University	33,576	34,600
Oakland University	31,353	32,301
Grand Valley State College	23,113	24,265
Saginaw Valley College	13,521	14,150
Lake Superior State College	9,064	9,366
Upper Peninsula Health Proj	539	569
Supportive Services	1,489	2,082
Other items overcharge	1,654	
Others	5,625	225
Scholarships and Grants		
Competitive scholarships	25,432	25,654
Private Tuition grants	43,561	44,563
Private Dental grants	3,474	3,554
Private General degree	3,891	3,980
Private Allied health	596	609
Indian tuition	1,170	1,182
Michigan Work-study	5,293	5,536
Part-time students	1,985	2,005
Robert C. Byrd Scholarship	500	500
Congress teachers scholarship	750	750
Mich Ed Opportunity Grants	992	1,019
Other		20
Subtotal, S & G,	87,644	89,372
State aid to community college	196,595	201,361
Less Federal Funds	- 6,104	- 4,450
Total	1,303,202	1,338,033

MINNESOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Minnesota.

Institutions	Sums Appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Minnesota*	315,430	327,081
Special appropriations	72,435	75,663
LCMR+Deficit	3,026	3,030
Subtotal, U of M	390,891	405,774
State University System**	130,898	147,354
Community College System***	65,923	75,788
Area Voc-Tech Institutes+	147,057	154,832
Higher Education Coordinating Board		
Scholarships and grants	66,200	63,250
Tuition reciprocity	3,700	4,300
Work study	4,504	4,679
Income contingent loans	110	158
MINITEX library	759	759
Other	4,770	3,659
Subtotal, HECB	80,043	76,805
Mayo Medical school++	851	909
Totals	815,663	861,462

(Continued in the next column)

MINNESOTA (Continued)

*Includes campuses at Duluth, St. Paul-Minneapolis, Morris, and two-year technical colleges at Crookston and Waseca, as well as medical, agricultural and other programs.
**Includes the campuses at Mankato, St. Cloud, Moorhead, Bemidji and Southwest and Metropolitan U.
***Includes 13 state-operated institutions.
+Includes 33 state-funded, locally operated post-secondary institutions.
++Private institution.

MISSISSIPPI

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Mississippi.

Institutions	Sums appropriated* 1987-88	1988-89
(1)	(2)	(3)
U of Mississippi	30,127	37,576
Medical Center	57,252	69,178
Pharmaceutical research	1,253	1,541
Off campus centers	327	370
Mineral resources institute	365	386
Law research institute	272	312
Subtotal, U of M	89,596	109,363
Mississippi State U	38,989	46,502
Ag & forest experiment sta	13,689	16,318
Coop extension	13,214	15,137
Coll of veterinary med	6,385	7,604
State chemical lab	778	1,172
Forest products lab	1,954	2,422
Off campus centers	896	1,016
Water resources institute	78	137
Subtotal, MSU	75,983	90,308
U of Southern Mississippi	36,596	43,271
Off campus centers	2,265	2,571
Gulf Coast Research Lab	2,721	2,967
Subtotal, U of SM	41,582	48,809
Jackson State U	17,073	20,310
Delta State U	9,530	11,377
Alcorn State U	7,509	9,349
Miss U for Women	6,492	7,210
Miss Valley State U	5,416	7,048
State system administration	209	341
Universities Research Center	3,769	2,498
Education & Research Ctr	976	1,067
Board of Trustees	911	1,510
Universities Center	322	364
Student financial aid	1,442	2,177
Vocational education	42,421	45,620
Junior Colleges	56,805	68,400
Totals	360,036	425,751

*Appropriated to the Board of Trustees for allocation to the eight universities. The Gulf Coast Research Lab has been assigned to the U of Southern Mississippi.

MISSOURI

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Missouri.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Missouri*	262,509	285,351
State Univ & Colleges**		
Southwest	41,103	43,802
Central	29,796	33,793
Southeast	26,978	29,254
Northeast	22,641	25,308
Northwest	15,653	16,991
Western	10,747	11,690
Southern	10,742	11,726
Lincoln	8,877	9,626
Harris-Stowe	4,158	4,579
Subtotal, U & C's.	170,695	186,769
Aid to public jr colleges**	56,417	62,463
Missouri Student Grant Program	8,894	8,894
Coord Board for Higher Ed	4,888	7,132
Total	503,403	550,609

*Includes campuses at Columbia, Kansas City, Rolla, St. Louis, the medical school and system-wide programs.

**Includes one-time funding for computer and science equipment and library materials and equipment.

NEBRASKA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Nebraska.

Institutions	Sums Appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Nebraska		
Lincoln	92,722	93,515
Medical center	48,540	49,069
Omaha	24,267	24,515
System office*	11,412	30,977
Subtotal, U of N.	176,941	198,076
State Colleges		
Kearney	12,454	13,170
Wayne	6,392	6,595
Chadron	6,115	6,286
Peru	3,086	3,450
System office*	472	1,745
Subtotal, S C's.	28,519	31,246
Technical Community Colleges	22,285	23,127
Coordinating Commission	229	982
Total	227,974	253,431

*Includes funds which will be distributed to the campuses at a later date such as funds for salary enhancement and research.

MONTANA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Montana.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Montana	27,023	27,037
Forestry experiment station	629	645
Subtotal, U of M.	27,652	27,682
Montana State University	32,951	32,780
Ag experiment station	6,204	6,257
Coop extension service	2,526	2,534
Subtotal, MSU.	41,681	41,571
Coll of Mineral Science & Tech	6,402	6,422
Bureau of Mines	1,233	1,234
Subtotal, CMST.	7,635	7,656
Eastern Montana College	10,075	10,142
Northern Montana College	6,283	6,382
Western Montana College	3,496	3,461
Board of Regents	28	28
Commissioner's Office	795	784
Student assistance*	4,410	4,529
Community college assistance	3,051	3,042
Total	105,106	105,277
*Includes (in thousands of dollars):		
WICHE student assistance	1,786	1,587
WICHE dues	59	62
WAMI student assistance	1,934	1,992
Minnesota dental	90	69
SSIG	210	210
NDSL	55	55
State work-study	276	276

NEVADA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Nevada.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of Nevada, Reno	32,753	34,773
School of medicine	6,974	7,578
Ag experiment station	3,206	3,401
Coop extension service	2,795	2,985
Intercollegiate athletics	905	960
Statewide programs	2,875	3,013
Subtotal, U of N. R	49,508	52,710
U of Nevada, Las Vegas	31,069	34,095
Statewide programs	386	405
Intercollegiate athletics	896	942
Subtotal, U of N. LV	32,351	35,442
Community College Division		
Clark County	9,403	10,160
Truckee Meadows	6,657	7,334
Western Nevada	3,482	3,839
Northern Nevada	2,023	2,189
Subtotal, C C's	21,565	23,522
Business Center North	904	960
Business Center South	777	820
System Computing Center	4,624	4,821
Desert Research Institute	1,278	1,345
University Press	250	263
National Direct Student Loan	30	30
System administration	1,264	1,336
Total	112,551	121,249

NEW HAMPSHIRE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in New Hampshire.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of New Hampshire, Durham	28,728	31,757
Ag experiment station	1,480	1,735
Coop extension service	959	1,111
Extension work, counties	302	372
Consulting center	153	163
Marine research & develop	563	619
New Hampshire Network	1,726	1,689
Subtotal, UNH, Durham	33,911	37,446
U of New Hamp, Manchester*	979	951
Subtotal, UNH	34,890	38,397
Keene State College	6,223	7,054
Plymouth State College	6,770	7,445
School of Lifelong Learning	807	785
Subtotal, UNH System,	48,690	53,681
Postsecondary Educ Commission	262	281
Incentive program	525	525
Veterinary medicine schools	270	279
Optometry school	45	45
Med school, Dartmouth	336	336
New England Brd of Higher Ed	72	78
Nursing scholarships	49	49
Governor's Merit scholarship	125	125
War orphans scholarships	10	10
Leveraged incentive grant	400	400
Out/State incentive grant	100	100
Subtotal, PSEC,	2,194	2,228
Postscdy ed admin & support	937	983
New Hamp Technical Institute	4,788	4,990
Vocational-Technical Colleges		
Manchester	2,381	2,398
Claremont	1,757	1,796
Berlin	1,761	1,837
Nashua	1,783	1,841
Stratham**	1,353	1,422
Laconia	1,257	1,278
Subtotal, VTC's	10,292	15,562
Total	66,901	72,454

*Formerly the Merrimack Valley College.
**Formerly named Portsmouth.

NEW JERSEY

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in New Jersey.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
Rutgers, State U of NJ	220,211	240,571
Ag experiment station	18,081	20,424
Subtotal, Rutgers,	238,292	260,995
U of Medical & Dental of NJ	150,429	168,331
NJ Institute of Technology	38,196	42,802
State Colleges		
Montclair	35,251	38,882
Paterson	31,452	33,961
Trenton	29,517	31,628
Kean	28,320	31,300
Glassboro	28,412	30,299
Jersey City	25,834	28,171
Stockton	16,254	17,703
Ramapo	14,924	16,094
Thomas Edison	2,815	3,395
Subtotal, S C's,	212,779	231,433
Health related programs		
Private dental school aid	4,663	4,734
School of nursing aid	1,448	1,238
Vet med ed program	1,404	1,454
Optometric education	340	360
Graduate med education	382	382
Subtotal, HR,	8,237	8,168
Other support programs		
Technology and computers	6,130	6,375
Humanities/foreign language	3,000	3,500
Faculty enhancement	500	675
Special student populations	1,025	1,133
Other academic support	1,800	2,800
Urban/minority programs	2,800	4,752
Excellence grants	6,060	12,700
System support	530	898
Subtotal, other,	21,845	32,833
Student aid	80,108	92,981
Chancellor's office, admin	4,080	5,027
Fringe benefits (est)	148,697	163,749
Aid to county colleges	92,865	98,843
Aid to private Univ & Coll	21,245	24,290
Total	1,016,773	1,129,452

NEW MEXICO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in New Mexico.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of New Mexico	74,980	78,072
Medical school	17,731	19,300
Cancer center	1,000	1,516
Medical-related programs	5,952	7,055
State medical investigator*	1,626	1,719
Research centers	1,920	1,024
Gallup branch	2,090	2,187
Los Alamos branch	1,062	949
Valencia branch	1,184	1,147
Subtotal, U of NM	107,545	112,969
New Mexico State U	47,742	48,249
Ag experiment station	6,025	6,345
Ag extension service	4,546	4,785
St Dept of Agriculture*	3,292	3,568
Research Center	1,920	1,668
Alamogordo branch	2,081	2,084
Carlsbad branch	1,319	1,363
Dona Ana branch	1,373	1,306
Grants branch	1,154	1,083
Subtotal, NMSU	69,452	70,451
Eastern New Mexico U	14,141	13,054
Roswell branch	3,405	3,501
Clovis branch	2,830	3,030
Subtotal, ENMU	20,376	19,585
NM Inst of Mining & Tech	10,434	10,509
State Bureau of Mines*	2,141	2,258
Research Center	960	1,683
Subtotal, NMIMT	13,535	14,450
NM Highlands U	10,008	9,267
Western New Mexico U	6,769	6,339
Community Colleges		
Northern New Mexico CC	3,389	3,305
Santa Fe Com Col	2,340	3,072
San Juan College	450	510
New Mexico Junior College	437	423
Subtotal, CC's	6,616	7,310
Vocation Technical Schools		
Technical-vocational Inst	14,427	13,984
Luna Area Vocational School	3,453	3,707
Tucumcari Area Vocational Sch	971	1,076
Subtotal, Voc-tech	18,851	18,767
Commission on Higher Education	790	915
WICHE	59	64
State work-study	1,596	1,892
Student Incentive Grants	3,000	3,783
Student loans	408	193
Student grants	245	601
Student exchange grants	2,249	2,066
Student interns	150	148
Subtotal, CHE	8,497	9,662
Total	261,649	268,800

*State function administered through the institution.

NEW YORK

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in New York.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
State University of New York (SUNY)		
University Centers		
Stony Brook	252,243	282,604
Buffalo	174,603	187,072
Albany	78,181	84,082
Binghamton	56,885	61,057
Subtotal, U Ctrs	561,912	614,815
Medical Centers		
Downstate (NYC)	137,876	148,442
Upstate (Syracuse)	118,234	127,026
Subtotal, Med Ctrs	256,110	275,468
Colleges of Arts & Science		
Buffalo	41,266	43,018
Brockport	30,503	31,624
Oswego	30,537	31,158
New Paltz	27,234	28,356
Oneonta	25,155	25,744
Cortland	24,607	25,490
Plattsburgh	23,956	25,114
Potsdam	21,168	21,973
Fredonia	21,527	22,725
Geneseo	22,161	23,099
Purchase	19,065	19,974
Old Westbury	15,336	16,068
Subtotal, C of A&S	302,515	314,343
Statutory Colleges		
Land-Grant at Cornell	98,736	102,083
Ceramics at Alfred U	6,293	6,501
Subtotal, State Colls	105,029	108,584
Specialized Colleges		
Environment Sci & Forest	17,483	19,493
Empire State	15,724	16,029
Coll of Technology	12,019	11,802
Optometry	11,075	11,005
Maritime	8,738	9,165
Subtotal, Spec Colls	65,039	67,494
Agricultural & Technical Colleges		
Farmingdale	28,804	29,564
Alfred	17,571	17,999
Cobleskill	12,357	12,872
Morrisville	12,132	12,524
Delhi	11,928	12,365
Canton	10,278	10,613
Subtotal, A&T Colls	93,070	95,937
University-wide programs	161,004	151,381
Fringe benefits	340,219	343,073
Cornell land script	34	35
SUNY gross total	1,884,932	1,971,130
Less student fees, etc.	- 381,981	- 422,588
SUNY net tax fund total	1,502,951	1,548,542
Cornell coop & extension	2,810	2,986
Community Colleges		
SUNY	204,010	217,273
CUNY	91,450	91,982
Subtotal, CC's	295,460	309,255
Other Programs		
Aid to CUNY	535,745	608,415
Tuition assistance	386,000	411,600
Aid to independent colls	158,075	172,093
Scholar & fellowships	34,546	35,637
Guaranteed student loans	1,675	
Higher ed services corp	10,406	10,649
Higher ed administration	5,930	7,488
Chairs, science-humanities	1,000	1,000
Aid to native Americans	385	385
Aid to academic libraries	1,971	1,971
Subtotal, other	1,135,733	1,249,238
Total	2,936,954	3,110,021

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NORTH CAROLINA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in North Carolina.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of North Carolina		
UNC at Chapel Hill	121,816	124,405
Health affairs	85,069	88,000
Health education ctrs	29,014	30,292
NC Memorial Hospital*	27,937	28,751
Subtotal, UNC-CH.	263,836	271,448
NC State U at Raleigh	135,457	139,521
Sch of Veterinary Med	17,152	17,209
Ag research service	32,176	33,093
Ag extension service	25,524	26,555
Subtotal, NCSU.	210,309	216,378
East Carolina University**	104,138	110,179
UNC at Greensboro	45,836	49,795
Appalachian State U	44,811	49,179
UNC at Charlotte	45,515	48,027
NC Ag & Tech St U	31,176	32,779
Western Carolina U	30,608	31,412
UNC at Wilmington	25,830	27,842
NC Central U	25,323	25,301
Fayetteville State U	14,535	15,289
Winston-Salem State U	14,328	15,164
UNC at Asheville	12,769	13,891
Pembroke State U	12,443	13,503
Elizabeth City State U	11,329	12,383
NC School of the Arts	7,564	7,851
General administration	16,650	17,844
Allocation to institutions	3,225	2,945
Related programs***	37,589	40,141
Subtotal, U of NC.	957,814	1,001,351
State support of Comm Colls and Technical Institutes	323,594	325,587
Ed benefits, veterans' child	2,668	2,668
Total	1,284,076	1,329,606

*This is a teaching hospital, part of the medical complex at Chapel Hill, but administratively separate from the university at Chapel Hill. It is placed here for comparability with similar institutions in other states.

**Includes for the school of medicine:
FY1988, $40,769,568 FY1989, $44,402,449

***Includes:
1) aid to private institutions to be used for financial aid to needy NC graduates
FY1988, $8,316,000 FY1989, $9,504,000
2) tuition grant to each full time NC undergraduate attending a private school
FY1988, $22,038,200 FY1989, $23,296,619
3) assistance to private medical schools and NC students attending them
FY1988, $2,554,000 FY1989, $2,554,000.

NORTH DAKOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for the undivided biennia 1985-87 and 1987-89 in North Dakota.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of North Dakota	60,668	57,231
Medical center	26,723	28,106
UND Williston*	1,544	1,834
UND Lake Region*	1,644	1,647
Subtotal, U of ND	90,579	88,818

(Continued in the next column)

NORTH DAKOTA (Continued)

North Dakota State U	51,472	49,511
Ag experiment stations	24,486	23,590
Extension division	8,742	8,306
Bottineau branch	3,010	2,637
State forest service	962	944
Subtotal, NDSU	88,672	84,988
State College of Science	18,295	17,551
Minot State U	12,882	13,662
Dickinson State U	9,067	8,503
Valley City State U	7,108	7,167
Mayville State U	5,960	5,785
Bismarck St Coll (2-yr)*	5,169	5,411
Subtotal, All Insts	237,732	231,885
Board of Higher Education	1,194	1,262
Student financial assist	778	1,375
Aid to private coll students	480	
Pool of funds	760	261
Research EPSCOR		1,361
Subtotal, BHE	3,212	4,259
Total	240,944	236,144

*Beginning with the 1985-87 biennium, the community colleges became state institutions with separate appropriations.

Note: Totals are for the biennia. Half of each total is used in the 50-state summary table.

OHIO

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Ohio.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
Ohio State University	236,385	238,503
Clinical teaching	14,588	15,588
Ag research center	19,151	19,542
Ag cooperative extension	11,224	11,453
Subtotal, OSU	281,348	285,086
University of Cincinnati	113,317	117,395
Clinical teaching	11,190	11,190
Subtotal, U of C	124,507	128,585
University of Akron	67,278	69,978
Ohio University	62,504	64,763
Kent State University	59,827	62,014
University of Toledo	55,319	56,878
Wright State University	54,312	56,446
Bowling Green State U	51,728	53,490
Cleveland State U	48,009	49,974
Miami University	43,280	44,592
Youngstown State U	37,149	38,243
Central State University	13,088	13,417
Shawnee State University	5,452	8,747
Medical College of Ohio	22,825	23,527
Northeastern Med College	11,688	11,957
Case Western Reserve*	5,988	5,767
Community Colleges	74,426	78,049
University branches	45,680	47,200
Technical colleges	77,159	80,780
Instructional grants	51,320	56,781
Board of Regents	2,817	2,948
Special projects	22,633	22,749
Academic scholarships	3,591	3,591
Selective excellence	26,764	38,146
STU choice grants**	15,527	15,527
Podiatric medicine	1,000	1,225
Total	1,265,219	1,320,460

*Subsidy to this private university for education in medicine and dentistry.

**Provides aid to students attending in-state private colleges.

OKLAHOMA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Oklahoma.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Oklahoma	61,044	66,367
Health sciences center	36,444	38,223
Tulsa medical branch	3,677	3,857
Family medicine practice	1,951	2,046
Law center	2,972	2,767
Geological survey	1,588	1,730
Subtotal, U of O.	107,676	114,990
Oklahoma State University	62,158	67,661
Ag experiment station	10,264	12,267
Ag extension division	9,555	12,113
Coll of veterinary medicine	6,517	6,585
Tech Branch-Okmulgee	7,922	9,291
Tech Branch-Oklahoma City	4,145	4,049
Coll of Osteopathic Medicine	6,193	6,177
Subtotal, OSU.	106,754	118,144
Central State U	20,985	21,549
Northeastern State U	13,842	15,094
Southwestern State U	11,262	11,730
Cameron U	9,503	10,009
East Central State U	8,632	8,957
Southeastern State U	8,699	8,827
Langston U	4,648	4,785
Northwestern State U	3,892	3,928
Oklahoma Panhandle St U	3,624	3,571
U of Science & Arts	3,488	3,391
Subtotal, SU's.	88,575	91,841
Junior Colleges -		
Tulsa Junior College	15,059	15,430
Rose State College	11,522	11,715
Oklahoma City Comm College	8,426	8,460
Northeastern OK A&M College	5,299	5,477
Rogers State College	3,603	3,686
Eastern OK State College	3,403	3,468
Northern Oklahoma College	2,897	2,906
Western OK State College	2,553	2,597
Carl Albert Junior College	2,473	2,580
Murray State College	2,404	2,536
Connors State College	2,458	2,450
Seminole Junior College	2,398	2,353
El Reno Junior College	1,871	1,923
Sayre Junior College	457	
Subtotal, J C's.	64,823	65,583
University Center at Tulsa	1,191	2,665
Ardmore Higher Ed Program	368	440
McCurtain County Higher Ed	368	467
Televised Instruction System	783	825
Kerr Conference Center	154	188
Jane Brooks School-USAO	32	31
Fire service training	355	355
Minority Faculty Program	270	
Civil Rights Compliance	547	817
Scholar-leadership program	180	220
Higher education tuition aid	10,325	10,325
Teacher education assistance	2,147	2,147
Chiropractic ed assistance	47	35
Student ed assistance program	90	90
Prospective teachers scholarship	180	180
Prospect teachers forgive loans	180	
Dependent youth & orphans	12	12
Special Programs	938	648
Willis Scholarship Trust	270	250
State Regents Admin Budget		2,598
State Regents Discretionary Fund		1,340
Oklahoma Academic Scholarships		600
Enid Higher Education Program		150
Muskogee Branch		250
Subtotal, Other	18,437	24,634
Total	306,265	415,191

OREGON

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Oregon.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Oregon	52,182	55,326
Oregon Health Sciences U	32,990	34,318
Teaching hospital & clinics	19,083	12,595
Crippled children's division	4,232	5,479
Dental clinics	226	260
Subtotal, OHSU	56,531	52,652
Oregon State University	60,853	64,505
Ag experiment station	13,830	14,677
Coop extension service	10,072	10,716
Forest research lab	1,522	1,573
Subtotal, OSU	86,277	91,471
Portland State University	34,151	36,167
Southern Oregon State College	12,195	12,923
Oregon Inst of Technology	10,069	10,970
Western Oregon State College	10,646	10,009
Eastern Oregon State College	7,216	7,687
Centralized activities	7,039	7,358
Ctr for Advanced Tech Education	671	693
Teaching Resources Division	236	246
NDSL Health Profess Student loan	50	50
WICHE	455	468
Subtotal, State sys higher ed	277,718	286,020
Education Coord Commission	504	525
State Scholarship Comm	11,231	11,689
Community Colleges	60,486	62,954
Total	349,939	361,188

PENNSYLVANIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Pennsylvania.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
State-related Universities		
Pennsylvania State U	192,441	203,459
Medical School	3,970	4,188
Subtotal, PSU	196,411	207,647
Temple University	110,334	115,781
Medical School	7,453	7,863
Subtotal, TU	117,787	123,644
U of Pittsburgh	101,732	106,706
Medical School	5,599	5,907
Subtotal, Pitt	107,331	112,613
Lincoln U	8,081	8,814
Subtotal, Commonwealth Seg	429,610	452,718
State System of Higher Education		
Indiana	41,867	
West Chester	29,900	
Bloomsburg	22,439	
Slippery Rock	22,316	
Millersville	22,305	
Edinboro	21,111	
Kutztown	20,711	
Clarion	20,603	
Shippensburg	20,025	
California	18,153	
East Stroudsburg	16,697	
Mansfield	12,868	
Lock Haven	12,479	
Cheyney	14,029	
Chancellor's Office	1,477	
Minority recruitment	200	
Deferred maintenance	2,500	
Other	750	
Subtotal, SUS	300,430	319,594

(Continued on the next page)

PENNSYLVANIA (Continued)

Community Colleges (est)	81,505	95,470
T Stevens State School of Tech	3,388	3,869
Private, State-aided Institutions:		
University of Pennsylvania	22,871	23,816
Medical School	4,071	4,295
Veterinary Med	7,091	7,481
Subtotal, U of P	34,033	35,592
Thomas Jefferson U	7,798	9,925
Drexel University	5,181	5,466
Phila Coll Osteopathic Med	4,967	5,240
Hahnemann Med College	5,317	5,571
Medical College of Penn	3,598	3,796
Penn College of Optometry	1,472	1,553
Penn Coll of Podiatric Med	1,106	1,191
Philadelphia U of the Arts	667	1,047
Phila Coll of Tex & Science	495	522
Del Val Coll of Sci & Ag	400	438
Phila Coll Performing Arts	130	
Berean Training & Indust Sch	961	1,029
Johnson School of Technology	181	195
Williamson Sch Mech Trades	87	97
Subtotal, Pvt. State-aided,	66,393	71,662
Other Higher Education Aid:		
Higher Ed Scholarships	105,600	116,160
Institutional assist grants	21,857	24,043
Student aid-matching grants	5,600	6,350
Equal oppor prof education	590	750
Computer training	2,307	2,769
Loan forgiveness		1,000
Equal education opportunity	6,153	6,899
Ed at correctional insts	82	82
Deaf, blind students	50	50
Ethnic heritage studies	150	200
Higher ed-rural initiatives	900	1,245
College of Physicians	100	100
Psychiatric education	1,250	1,375
Higher education equipment		14,100
General state auth rentals	3,745	3,813
Interdepart transfers (est)	146,356	146,510
Subtotal, other	294,740	325,446
Total	1,176,066	1,268,759

RHODE ISLAND

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Rhode Island.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Rhode Island	62,139	67,100
Rhode Island College	28,010	30,607
Community College of RI	23,260	25,711
Subtotal, U & C's.	113,409	123,418
Office of Higher Education*	3,544	3,708
State scholarships	9,480	9,997
New England Higher Ed Compact	72	77
Support of medical education	1,453	1,520
Youth intern program	78	82
Regional medical programs	80	
Total	128,116	138,802
*Includes funds for categorical programs to be distributed to the institutions:	(In $1,000)	
Program for Excellence	1,000	1,100
Challenge Fund	500	500
Governor's scholarships	500	500

SOUTH CAROLINA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in South Carolina.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of So Carolina, Main Campus	104,677	113,702
Medical school, Main Campus	14,245	16,896
Spartanburg campus	6,975	7,952
Coastal campus	7,438	8,473
Aiken campus	5,373	5,884
Two-year campuses	7,306	8,232
Subtotal, U of SC.	146,014	161,139
Clemson University	59,151	68,021
Ag Research, Ext, Inspect	36,232	39,673
Subtotal, CU.	95,383	107,694
Medical U of So Carolina	68,362	72,352
Residency programs	12,808	14,301
Hospitals and clinics	13,154	15,695
Subtotal, MUSC.	94,324	102,348
So Carolina State College	17,274	18,350
Winthrop College	16,584	18,718
College of Charleston	16,507	18,339
The Citadel	11,830	13,151
Francis Marion College	9,517	10,953
Lander College	6,780	7,263
Subtotal, S C's.	78,492	86,774
Commission on Higher Ed	1,329	1,446
Scholarships, loans, SREB	785	1,630
Desegregation funds	1,094	1,295
Cutting Edge*		5,000
Subtotal, CHE.	3,208	9,371
Grants to Pvt Coll Student	15,781	16,436
Board, Tech & Comp Educ	87,814	92,836
Total	521,016	576,598

*Nonrecurring funds for this enhancement program.

SOUTH DAKOTA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in South Dakota.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of South Dakota	19,468	20,087
Medical school	6,139	6,394
Subtotal U of SD	25,607	26,481
South Dakota State U	22,492	24,315
Ag experiment station	4,601	4,783
Coop extension service	3,231	3,562
Auxiliary services	704	
Subtotal, SDSU	31,028	32,660
SD School of Mines & Tech	7,510	7,790
Northern State College	6,838	7,333
Black Hills State College	5,305	5,531
Dakota State College	3,988	4,209
Commissioner's Office	731	828
Student loans & scholarships	479	479
Veterinary School contracts	85	94
Physicians residency program	157	185
Utilities	2,150	2,150
Investment in SD Future	1,115	671
HECS		532
Other	452	525
Postsecondary Vocational Educ	5,901	6,001
Less estimated tuition	-18,439	-18,100
Total	72,908	77,369

TENNESSEE

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Tennessee.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Tennessee		
Knoxville	109,209	117,567
Chattanooga	22,897	24,729
Martin	18,003	19,250
Space Institute	3,481	4,104
Medical Units:		
College of Medicine	24,182	25,880
Family Medicine	2,897	3,039
UT Memphis	35,522	37,393
Ag Experiment Station	12,817	13,916
Ag extension service	15,806	16,799
Coll of Veterinary Medicine	8,305	8,860
Municipal Tech Advisory Serv	878	947
County Tech Advisory Service	629	673
Institute for Public Service	2,033	2,100
Statewide cont education	1,249	1,358
University-wide admin	1,937	2,027
Subtotal, UT	259,845	278,642
Board of Regents System		
Brd of Regents Universities		
Memphis State U	69,068	72,202
East Tennessee State U*	45,960	48,452
Middle Tennessee State U	37,699	39,264
Tennessee Technological U	30,306	31,310
Tennessee State U	23,195	24,116
Austin Peay State U	15,676	15,890
Subtotal, BRU	221,904	231,234
State Community Colleges		
Shelby	9,702	9,368
Chattanooga	9,458	10,824
Roane	7,383	8,489
Walters	7,333	7,710
Cleveland	5,990	6,101
Volunteer	6,108	6,471
Jackson	5,275	5,687
Columbia	5,200	5,436
Motlow	4,421	4,539
Dyersburg	3,166	3,311
Subtotal, CC's	64,036	67,936
State Technical Institutes		
Memphis	12,313	12,449
Nashville	7,865	7,939
Knoxville	5,192	5,437
Tri-Cities	3,876	3,947
Subtotal, TI's	29,246	29,772
Area Voc Tech Schools	24,194	24,814
Brd of Regents, admin	2,207	2,502
Subtotal, BoR System	341,587	356,258
Higher Education Commission	1,293	1,344
Contract education**	2,608	2,808
Tenn Student Assistance Corp	12,010	12,360
Centers of Excellence	15,769	19,269
Vocational Improvements	1,800	1,800
Campus Centers of Emphasis	1,400	1,400
Total	636,312	673,881

*Includes sums for the College of Medicine and family practice.

**Contract education includes SPSB and other programs administered by the Higher Education Commission.

TEXAS

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Texas.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
U of Texas at Austin	167,201	180,707
UT at Arlington	48,059	52,630
UT at El Paso	27,711	29,969
UT at Dallas	22,941	25,243
UT at San Antonio	22,437	24,062
UT at Tyler	7,405	7,954
UT at Permian Basin	6,349	6,358
UT Health Science Centers		
Houston	88,309	88,309
San Antonio	72,708	72,708
Dallas	58,840	58,840
Tyler	14,686	14,686
System Cancer Center	92,051	92,051
UT Medical, Galveston	164,167	164,167
Subtotal, UT System	792,864	817,684
Texas A&M University	145,204	158,228
Ag experiment station	37,182	37,182
Ag extension service	31,696	31,647
Forest Service	8,381	8,381
Engineer exper station	6,496	5,304
Engineer exten service	2,757	2,757
Animal control service	2,202	2,202
Veterinary diag lab	1,889	1,889
Transportation inst	1,081	1,081
Prairie View A&M U	12,785	13,832
Tarleton State U	8,950	9,726
A&M U at Galveston	4,521	4,521
Subtotal, A&M System	263,144	276,750
University of Houston	83,472	91,922
Clear Lake	12,549	13,632
Downtown	8,861	9,517
Victoria	2,761	2,926
System administration	2,127	
Subtotal, U of H	109,770	117,997
Texas State U System		
Southwest Texas St U	33,337	36,807
Sam Houston St U	20,071	21,833
Angelo State U	9,812	10,619
Sul Ross State U	6,064	6,347
System administration	312	313
Subtotal, TSU System	69,596	75,919
Lamar University System		
Beaumont	22,402	24,154
Orange	1,888	1,898
Port Arthur	2,621	2,625
Subtotal, LU	26,911	28,677
U System of South Texas		
Texas A&I U	12,344	13,123
Corpus Christi St U	8,030	8,707
Laredo State U	2,848	3,025
System administration	332	334
Subtotal, U Sys of S T	23,554	25,189
Texas Tech U	64,426	69,143
Health science ctr	39,127	39,177
Subtotal, TTU	103,553	108,320
North Texas State U	48,498	53,345
Texas Coll Osteopathy	21,036	21,036
Subtotal, NTSU	69,534	74,381
East Texas State U	17,306	18,567
ETSU at Texarkana	2,848	3,061
Subtotal, ETSU	20,154	21,628
Pan American University	16,857	18,521
PAU at Brownsville	2,807	3,002
Subtotal, PAU	19,664	21,523

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TEXAS (Continued)

Texas St Tech Inst	43,166	42,772
Texas Woman's U	26,602	28,236
Texas Southern U	17,861	19,324
Stephen Austin St U	22,615	24,744
West Texas St U	12,233	12,780
Midwestern State U	8,233	8,618
Fibers & Food Comm	1,398	1,393
Rural medical ed board	134	38
SREB	143	99
Museums	1,251	
Coordinating Board*	140,321	80,802
Higher Educ Fund**	45,500	45,500
State aid to comm colls	413,584	413,584
Total	2,231,785	2,245,958
*Includes appropriations for:		
Administration	7,861	7,901
Student aid, pvt insts	18,429	18,429
Baylor medical, dental	42,433	42,433
Family practice residency	7,248	7,248
Residency physician comp	3,131	3,131
Advanced research	19,795	
Advanced technology	39,665	
Physician loan repayment	169	169
Student incentive grants	1,490	1,490
Special studies	99	

**Approximate amounts to be used for library acquisitions.

UTAH

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Utah.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Utah	94,667	95,300
Medical programs	14,422	14,588
Research & public service	4,586	4,536
Subtotal, U of U	113,675	114,424
Utah State University	47,078	46,909
Agricultural programs	11,076	11,603
Research & public service	2,385	2,476
Subtotal, USU	60,539	60,988
Four Year Colleges		
Weber State College	30,714	30,916
Southern Utah State College	9,209	9,428
Subtotal, 4-yr	39,923	40,344
Two Year Colleges		
Snow College	5,229	5,285
Dixie College	5,504	5,586
College of Eastern Utah	4,668	4,779
Utah Tech Coll, Provo	11,213	11,501
Utah Tech Coll, Salt Lake	13,142	13,422
Subtotal, 2-yr	39,756	40,573
Brd of Regents & statewide		
Administration	1,322	1,332
Statewide programs	2,003	1,953
Subtotal, SBR & Statewide	3,325	3,285
Total	257,218	259,614

VERMONT

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Vermont.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Vermont	25,225	27,040
Educational TV*	1,075	1,121
Morgan Horse Farm	11	12
Subtotal, U of V	26,311	28,173
State Colleges**	13,300	14,028
Student assistance corp***	10,217	14,028
Senatorial scholarships	60	60
New England Higher Ed Compact	45	47
Higher Ed Planning Comm	29	30
Ed Commission of the States	28	30
Total	49,990	53,855

*Approximately 60% for elementary and secondary instruction programs.

**Allocations to the separate colleges are not available at this time.

***Includes funds to reserve student spaces at schools of veterinary medicine at Cornell U and the U of Pennsylvania.

VIRGINIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Virginia.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Virginia	103,849	114,927
Hospital Division	32,732	38,023
Clinch Valley Coll	3,815	4,201
Subtotal, U of V	140,396	157,151
Va Poly Inst & State U	98,502	107,589
Extension Division	28,185	31,400
Research Division	23,886	28,047
Subtotal, VPI & SU	150,573	167,036
Va Commonwealth U	97,608	110,066
Health Sci. hospital	61,530	52,256
Subtotal, VCU	159,138	162,322
College of William & Mary	25,615	30,801
Richard Bland Coll	2,287	2,529
VIMS	8,412	10,005
Subtotal, CW&M	36,314	43,335
Other Colleges and Universities		
George Mason U	44,085	49,311
Old Dominion U	42,170	46,681
James Madison U	27,675	31,829
Radford U	19,750	24,763
Norfolk State U	23,200	24,645
Virginia State U	12,901	15,587
Longwood College	9,426	10,653
Mary Washington College	8,515	10,498
Virginia Military Inst	8,250	9,786
Christopher Newport College	8,342	8,894
Subtotal, C's & U's	204,314	232,647
Community Colleges	156,242	177,556
Student Aid*	16,756	18,236

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VIRGINIA (Continued)

State Council of Higher Educ	2,472	3,565
Scholarship Assist (CSAP)	2,802	4,302
Eminent scholars	3,745	5,600
Regional grants & contracts	516	727
Tuition Assist (TAGP)	15,317	17,535
Virginia Scholars Program	600	600
Outstanding faculty program	65	65
Maintenance of excellence	1,229	1,229
Clinical Faculty Program		145
Library services	127	304
Subtotal, SCHE	26,873	34,072
Other Higher Education		
VA Inst for Science Research	50	50
Melcher/Monroe Memorials	126	156
Marshall Research Ctr	110	110
VA Foundation-Humanities	511	586
Eastern VA Med Auth (EVMA)	8,982	10,130
Innov Tech Auth	9,490	12,165
SREB	100	100
Southeastern Univ Res Assoc	1,000	1,000
VCBA--equipment**		10,700
Equal opportunity plan	4,861	5,744
Subtotal, Other	25,230	40,741
Total	915,836	1,033,096

*Includes appropriations made directly to the institutions for student aid as well as to:

	(in thousands of dollars)	
Dept of Health	108	100
Dept of Rehab Services	179	214
EVMA	35	35

**A new appropriation to fund the costs of establishing, administering and implementing a program of acquisition and replacement of instructional and research equipment.

Note: Included in the statewide total are the following appropriations to private institutions:

	(in thousands of dollars)	
Aid to students attending pvt or out-of-state insts	16,612	19,669
Appropriations to non-state agencies	20,243	34,841

WASHINGTON

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Washington.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Washington (Incl medical school)	201,803	217,796
Washington State U (Incl ag research & extension)	117,014	125,119
Western Washington U	34,010	36,302
Eastern Washington U	32,923	34,926
Central Washington U	27,727	29,538
Evergreen State College	15,919	17,088
Community Colleges	218,407	232,440
Higher Ed Coordinating Brd	26,169	26,228
Total	673,972	719,437

WEST VIRGINIA

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in West Virginia.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
West Virginia University*	65,144	70,166
Medical center**	34,490	36,988
Medical residency support	1,353	1,355
Coal & energy research	2,680	2,755
Doctoral research	25	25
Ag & forest exper station	2,205	2,410
Subtotal, WVU.	105,897	113,699
Marshall University	22,753	24,776
Medical School	6,404	7,313
Subtotal, MU.	29,157	32,089
WV Coll of Graduate Studies	4,369	4,795
Four-year Colleges -		
Fairmont State College	8,735	9,197
West VA Institute of Tech	7,681	8,099
West Virginia State College	7,419	7,927
West Liberty State College	6,328	6,755
Shepherd College	5,864	6,132
Concord College	5,083	5,416
Glenville State College	4,315	4,555
Bluefield State College	4,135	4,379
Subtotal, 4-yr C's.	49,560	52,460
Community Colleges		
Parkersburg	3,825	4,069
West Virginia Northern	3,178	3,379
Southern West Virginia	2,918	3,090
Subtotal, C C's.	9,921	10,538
WV Sch of Osteopathic Med	4,348	4,441
Eminent Scholars Program	150	150
Board of Regents	1,177	1,181
Higher Education Grant Program	3,475	3,500
Tuition Contract Programs	675	665
Other	336	500
Indirect fringe benefits (est)	27,500	28,600
Total	236,565	252,618

*Includes Potomac State College, a two-year branch campus.

**Includes dedicated proceeds of soft drink tax of $7,800,000 for each fiscal year.

WISCONSIN

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for fiscal years 1987-88 and 1988-89 in Wisconsin.

Institutions	Sums appropriated 1987-88	1988-89
(1)	(2)	(3)
University of Wisconsin System		
Doctoral Cluster		
Madison	228,209	236,310
University Hospitals	2,282	2,282
Subtotal, UW, Madison,	230,491	238,592
Milwaukee	71,479	76,016
Subtotal, doctoral,	301,970	314,608
University Centers		
Oshkosh	27,661	28,661
Eau Claire	26,365	27,701
Stevens Point	22,781	24,065
Whitewater	22,623	23,973
La Crosse	21,147	22,242
Stout	20,159	20,946
River Falls	15,517	16,205
Platteville	14,916	15,821
Parkside	14,350	15,026
Green Bay	13,227	13,420
Superior	8,764	8,927
Subtotal, U's,	207,510	216,987
Centers (2 year)	18,527	18,865
Extension	36,787	38,011
System Administration	7,711	7,970
Systemwide Programs	6,662	8,700
Subtotal, UW-system,	579,167	605,141
Voc, Tech, Adult Ed System	85,588	90,565
Medical College of Wisc	5,790	5,764
Higher Ed Aids Board	34,885	37,200
Total	705,430	738,670

WYOMING

State tax-fund appropriations (in thousands of dollars) for the operating expenses of higher education for the undivided biennia 1986-88 and 1988-90 in Wyoming.

Institutions	Sums appropriated 1986-88	1988-90
(1)	(2)	(3)
University of Wyoming	150,387	154,386
Community Colleges	65,607	68,159
Community Coll Commission	351	385
Subtotal, CC	65,958	68,544
WICHE	4,410	4,149
Higher ed computer network	2,411	1,296
Total	223,166	228,375

Note: Half of each of the totals above was used in the 50-state summary table.